

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer-implemented method for reducing coding errors prior to runtime in the context of a managed code execution environment, comprising:  
providing a developer with access to a plurality of managed code resources that ~~are compliant with Common Language Specification (CLS); and~~  
utilizing a computer processor that is a functional component of the computer to  
verify ~~verifying~~ that a resource identifier input by the developer corresponds to one of the plurality of ~~CLS-compliant~~ managed code resources by:  
providing the developer with a collection of resource identifiers; and  
receiving said resource identifier input from the developer in the form of a selection from the collection of resource identifiers; and  
automatically inserting, based at least in part on the selection, the one of the  
plurality of managed code resources into a programming code.

2. (Cancelled)

3. (Currently Amended) The method of claim 1, wherein providing a collection of resource identifiers comprises providing a collection of ~~resource identifiers~~ methods and properties that correspond to a particular class selected by the developer.

4. (Currently Amended) The method of claim 1, wherein providing a collection of resource identifiers comprises providing a collection of resource identifiers in response to an input by the developer of an activation key, wherein the activation key is selected from the group consisting of a period, a space bar, and a left parenthesis.

5. (Currently Amended) The method of claim 4, wherein providing in response to an input of an activation key comprises providing in response to an input of an activation key that follows input of a resource class, wherein providing a collection of resource identifiers comprises providing the collection of resource identifiers in the form of a

drop-down list, and wherein stopping on one of the resource identifiers in the drop-down list for a predetermined amount of time causes additional information to appear in a pop-up window proximate to the drop-down list.

6. (Currently Amended) The method of claim 1, wherein providing a collection of resource identifiers comprises providing a collection of key names, strings, and values.

7. (Currently Amended) The method of claim 6, ~~further comprising providing the developer with a resource value that corresponds to a selected one of the collection of resource key names~~ wherein automatically inserting comprises automatically inserting one of the key names, one of the strings, and one of the values into the programming code at an appropriate location.

8. (Currently Amended) The method of claim 1, further comprising providing the developer with a resource value within a pop-up box that corresponds to a selected one of the collection of resource identifiers, and wherein automatically inserting comprises automatically inserting the resource value into the programming code.

9. (Currently Amended) The method of claim 8, ~~wherein providing a resource value comprises providing information within a pop-up box,~~ further comprising keying in a precursor to a resource identifier.

10. (Currently Amended) The method of claim ~~1,~~ 9, wherein providing the collection of resource identifiers comprises providing information ~~within a drop-down menu that corresponds to the precursor, and wherein the consecutive order of the steps is first providing, second utilizing, and third automatically inserting.~~

11. (Cancelled)

12. (Currently Amended) The method of claim 1, further comprising: A computer-implemented method for reducing coding errors prior to runtime in the context of a managed code execution environment, comprising:

providing a developer with access to a plurality of managed code resources;  
receiving from the developer an addition to the plurality of managed code resources; wherein the addition configures the managed code execution environment to accept a new resource input.  
verifying that a resource identifier input by the developer corresponds to one of the plurality of managed code resources by:  
providing the developer with a collection of resource identifiers; and  
receiving said resource identifier input from the developer in the form of a selection from the collection of resource identifiers.

13. (Currently Amended) The method of claim 1, wherein providing a collection of resource identifiers comprises providing displaying a collection of resource identifiers in response to an input by the developer that corresponds to a request for a display of resource information, wherein the collection of resource identifiers are displayed in a graphical user interface window that is positioned within a coding area.

14. (Currently Amended) The method of claim +, 13, wherein providing displaying a collection of resource identifiers in response to an input by the developer that corresponds to a request for a display of resource information comprises:

automatically displaying the providing a collection of resource identifiers in response to an input by the developer that is made when a cursor is positioned at a location associated with information availability.

15. (Previously Presented) A computer-implemented method for reducing coding errors prior to runtime in the context of a managed code execution environment, comprising:  
providing a developer with access to a plurality of managed code resources; and  
verifying that a resource identifier input by the developer corresponds to one of the plurality of managed code resources by:

providing the developer with a collection of resource identifiers that include at least two identifiers that each identify a different language version of what is essentially the same resource; and receiving said resource identifier input from the developer in the form of a selection from the collection of resource identifiers.

16-25. (Cancelled)

26. (New) The method of claim 15, wherein verifying comprises utilizing a computer processor that is a functional component of the computer to verify.

27. (New) The method of claim 26, wherein providing the developer with a collection of resource identifiers comprises displaying the collection of resource identifiers in a pop-up window in a coding area.

28. (New) The method of claim 27, further comprising:  
automatically inserting a string that corresponds to the selection into a programming code in the coding area.

29. (New) A computer-implemented method for reducing coding errors prior to runtime in the context of a managed code execution environment, comprising:  
receiving from a developer an indication of a desired managed code resource;  
communicating a resource request to a resource manager, the request including an indication of a key name and a string, the key name and the string both associated with the desired managed code resource;  
displaying a collection of resource identifiers, each resource identifier corresponding to the key name and the string;  
receiving from the developer a selection that corresponds to one of the resource identifiers in the collection of resource identifiers; and  
automatically inserting the one of the resource identifier into a programming code that is in a coding area.

30. (New) The method of claim 29, wherein the indication of a desired managed code resource comprises a call created in the programming code.

31. (New) The method of claim 30, wherein the call comprises an entry of a resource object followed by an activator key.

32. (New) The method of claim 31, wherein the activator key is a period.

33. (New) The method of claim 31, wherein the activator key is a space bar.

34. (New) The method of claim 31, wherein the activator key is a left parenthesis.

35. (New) The method of claim 31, wherein displaying a collection of resource identifiers comprises displaying the collection in a pop-up window in the coding area.

36. (New) The method of claim 35, wherein the pop-up window is located proximate to the call.

37. (New) The method of claim 36, wherein stopping on one of the collection of resource identifiers in the pop-up window for a predetermined amount of time causes additional information to appear in a second pop-up window.